

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| L1    | 30    | 356/5.14.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:22 |
| L2    | 50473 | interferometer\$2 etalon\$2 "Fabry-Perot"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:16 |
| L3    | 13051 | L2 and polariz\$7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:17 |
| L4    | 1786  | 3 and ((detect\$5 separat\$5 filter\$2 divide\$2)<br>near9 (different\$5 two\$1 multiple\$2<br>plural\$2 opposite\$2) near3 (polariz\$7)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:18 |
| L5    | 30    | 4 and (lidar\$2 ladar\$2 "laser radar")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:18 |
| L6    | 91    | 356/5.14;453.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/04/02 15:23 |
| S1    | 8     | ((("6556282") or ("3712985") or<br>("20030043364"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | OFF     | 2006/04/02 15:16 |
| S2    | 2     | ("2003/0043364"   "3712985"   "6556282").<br>URPN.  | USPAT  | OR               | ON      | 2006/03/28 09:49 |
| S4    | 3040  | 356/4.01,4.06,5.01,28,28.5,454.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2006/03/28 09:56 |

## EAST Search History

|     |      |  |  |    |     |                  |
|-----|------|--|--|----|-----|------------------|
| S5  | 4604 | 359/629-640,260.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 09:57 |
| S6  | 2751 | lidar lidar  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 09:57 |
| S7  | 215  | S4 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 10:02 |
| S9  | 8    | S5 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 09:58 |
| S10 | 17   | S7 and ((etalon\$2 filter\$2) near5 (receiv\$2<br>separat\$5 divid\$5 split\$5) near5<br>(wavelength\$7 frequenc\$5 reflected\$2<br>pulse\$2 signal\$2)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 10:05 |
| S11 | 2    | ("6665063").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | OFF | 2006/03/28 12:42 |
| S12 | 992  | 356/28.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 12:43 |
| S13 | 170  | S12 and ((two multiple\$2 plural\$2 three "at<br>least two") near3 (detector\$2 receiverS))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 12:44 |
| S14 | 169  | 356/454.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON  | 2006/03/28 12:44 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S15 | 47    | 356/4.06.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 12:45 |
| S16 | 607   | 356/5.01.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 12:45 |
| S17 | 616   | telescop\$5 and (lidar\$2 ladar "laser radar") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 12:51 |
| S18 | 1     | S17 and S14                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 12:51 |
| S19 | 0     | S17 and S15                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 12:51 |
| S20 | 32    | S17 and S16                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 13:33 |
| S21 | 60    | 356/5.13,5.14.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 13:44 |
| S22 | 50421 | interferometer\$2 etalon\$2 "Fabry-Perot"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/04/02 15:16 |
| S23 | 3     | S22 and S21                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2006/03/28 13:48 |

*Interference*

**EAST Search History**

| Ref # | Hits | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|------|--|----------|------------------|---------|------------------|
| L7    | 10   | (altitude\$2 same velocity\$2) and telescope\$2 and doppler near2 shift\$5 | US-PGPUB | OR               | ON      | 2006/04/02 15:26 |